Contribution ID: **31** Type: **Poster**

Revisit the polarizations of colour field

Tuesday 26 September 2017 20:45 (15 minutes)

In analogy to the QED, we analyze the polarizations of gluon and clarify the role of colours within gluons. The effect of polarizations is associated with the spin angular momentum of gluon. Consequently we point out the dependence between colour field and angular-momentum, which can give us an explanation why we cannot confirm the total angular momentum of a high-energy scattering system. Since the stimulation of the colour field is equal to stimulating angular-momentum of the system.

Author: Prof. WANG, Haijun (Jilin University)

Presenter: Prof. WANG, Haijun (Jilin University)

Session Classification: Poster session

Track Classification: QCD and hadron structure